



Aqua Solutions, Inc.
6913 Highway 225
Deer Park, TX, 77536
281/479-2569
Certificate of Analysis / QC Results
Customer PO # :

Packaged Product:	1521		
	BUFFER REFERENCE pH 9.18 (± 0.01)		
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
Actual pH of product	9.180	9.170 - 9.190	9.188
	PH		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
QCSP 20 PH CALIBRATION	YES		YES
METHODS	METHOD		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
Actual Temp	25.0	24.0 - 26.0	25.0
	DEG C		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
PH NIST TRACEABLE TO SRM 187	YES		YES
	YES		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
NIST TRACEABLE TO SRM186I AND 186II	YES		YES
	YES		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
TRACEABLE TO NIST SRM 191I AND SRM 191II	YES		YES
	YES		
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested	10/12/21		
Tester	BPHI		
Recorded	10/12/21		



Aqua Solutions, Inc.
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 Deer Park, TX 77536
 Website: www.aquasolutions.org

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INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M103,(I)T-36,(I)T-141,M56,PID 20
Sample ID		
Tested 10/12/21		
Tester BPHI		
Recorded 10/12/21		
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	04/30/23
Sample ID		
Tested 10/12/21		
Tester BPHI		
Recorded 10/12/21		
SHELF LIFE	18 MONTHS TIME	18 MONTHS
Sample ID		
Tested 10/12/21		
Tester BPHI		
Recorded 10/12/21		
Lot #	1091009	
Made	10/12/21	

This is to certify that the product listed above has been prepared according to the agreed upon formulation. The solutions producer has a Quality Management System which governs each step of the manufacturing process to insure the production of a consistent product. Traceability from the producer's lot numbers to the original manufacturer's lot number is maintained. Certificates of Analysis for the raw materials used to prepare this product are available upon request.

The weights and/or volumes used to prepare this product are N.I.S.T. Traceable. All balances used in the preparation of product are calibrated daily against N.I.S.T. Traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is N.I.S.T. Traceable and certified as meeting Class A specifications.

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

Quality Manager